

Making it Real

Presenters:

Kimberly Clanton-Green

Sahara West Library, Las Vegas-Clark County Library District

Sena Loyd

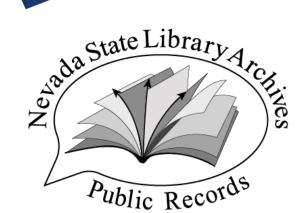
Carson City Library

Arnie Maurins

Washoe County Library System

Stephen Platt

Green Valley Library, Henderson District Public Libraries



Creating

KIM CLANTON-GREEN
BRANCH MANAGER,
LVCCLD SAHARA WEST
BRANCH



Persistence of Vision: or, Don't You See What I See?

- -- () ------
- Community need: A place for teens to call their own
- HOMAGO
- A consistent space

Do We Really Need a Teen Space?

- Talk to the community
- Talk to your staff
- Research
- Statistical Analysis



Yes!





Yes, We Need a Teen Space.

- Analyze your space/resources
- Research
- Prepare cost estimates
- Informal talk to the decision makers
- Budget



Resources

- Mimi Ito
- Community Connect-CIVICTechnologies
- Business Decision
- Census Data
- CCSD School Accountability Report
- Nevada Kids Count Data Book
- Las Vegas Perspective
- LVCCLD Statistics

You've Been Approved, Now What?

- Community input/focus groups
- Staff input
- Analysis of resources/budget
- Coordination and communication

Opening Day

- Publicize
- Program
- Celebrate!

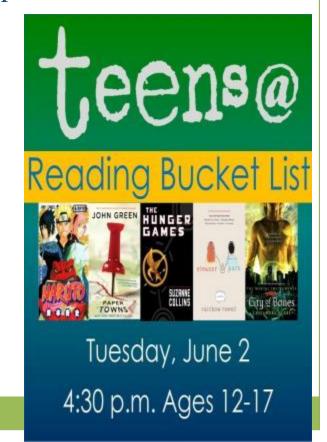


Programming



Programming

- Talk to the teens
 - O Develop an informal way for teens to give input
 - O Innovate
 - Have both meaningful and fun programming
 - Budget
 - Develop partnerships
- Track your successes and failures
 - Be flexible



Results

- Increased numbers of teens at the library
- Less friction between age groups
- Increase in teen programming
 - o 11 programs
 - o 381 teens
 - o 34.6 teens average

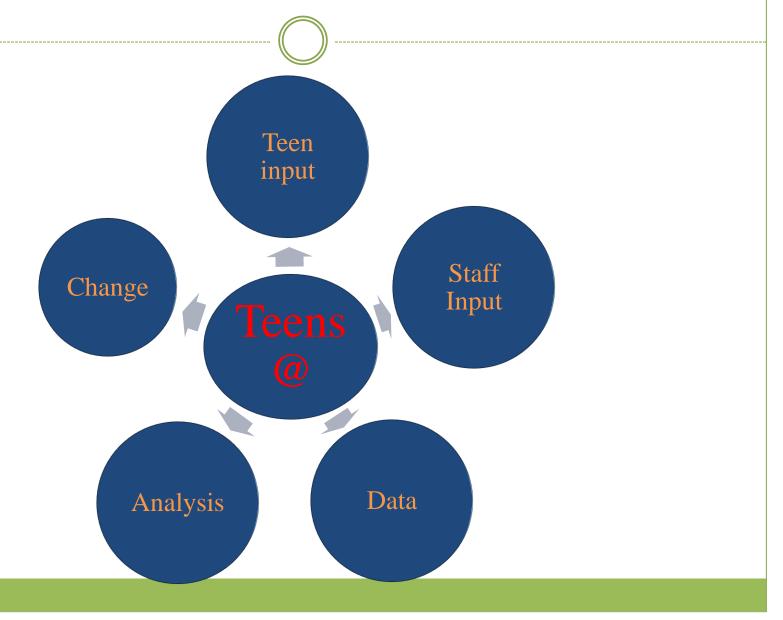
Teen Programs

- Anime Fest
- Grand Opening
- Teen Tuesdays
- Wandlore 101
- Quilting
- Watercolor Outlines
- 8 Bit Art

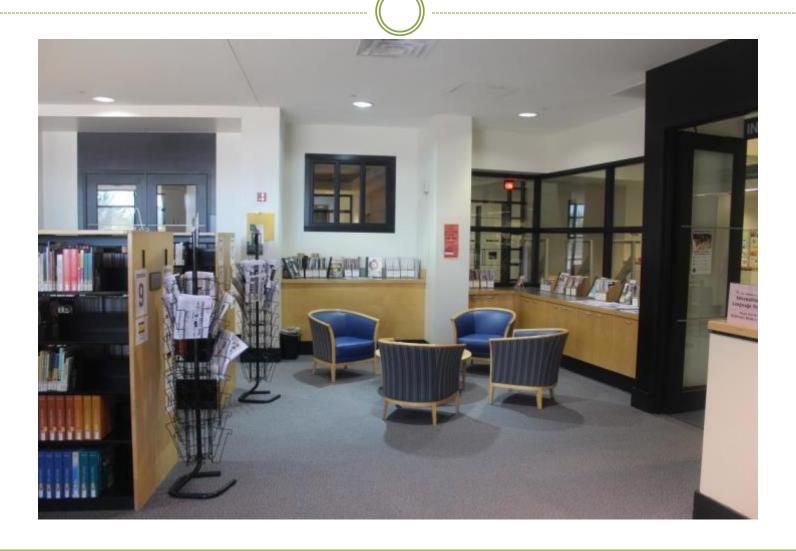
Upcoming Programs

- Halloween Maker Fest
- Collage Self Portrait
- Super Smash Brothers Tournament
- Scratch Art
- Anime Fest 2015
- Open Mike Night
- Investigating partnership with the Best Buy Foundation

It's Not Your Vision



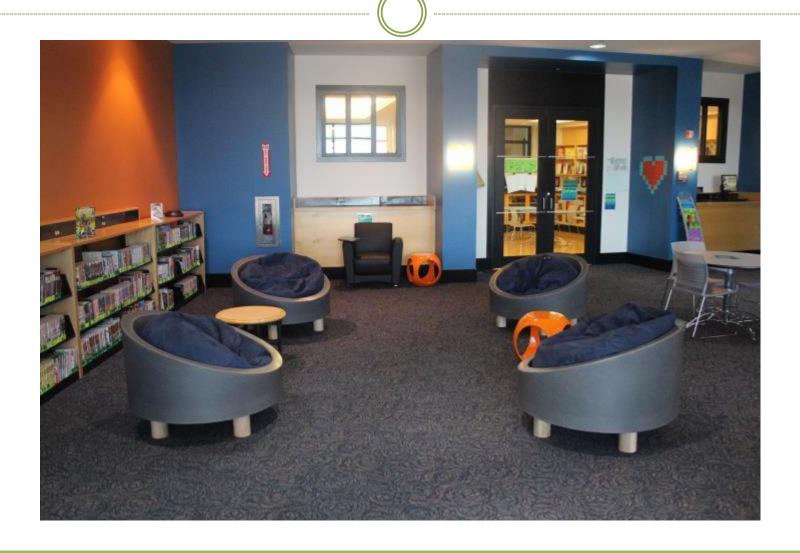
Before, Main Room



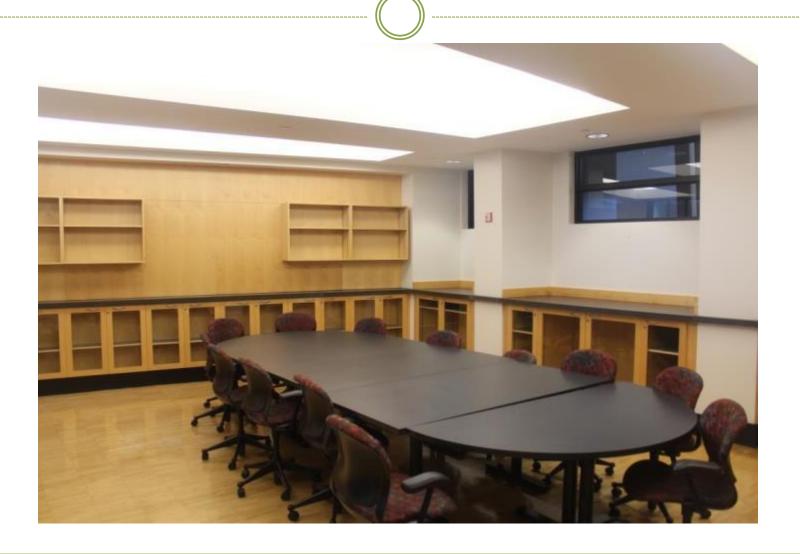
After, Main Room



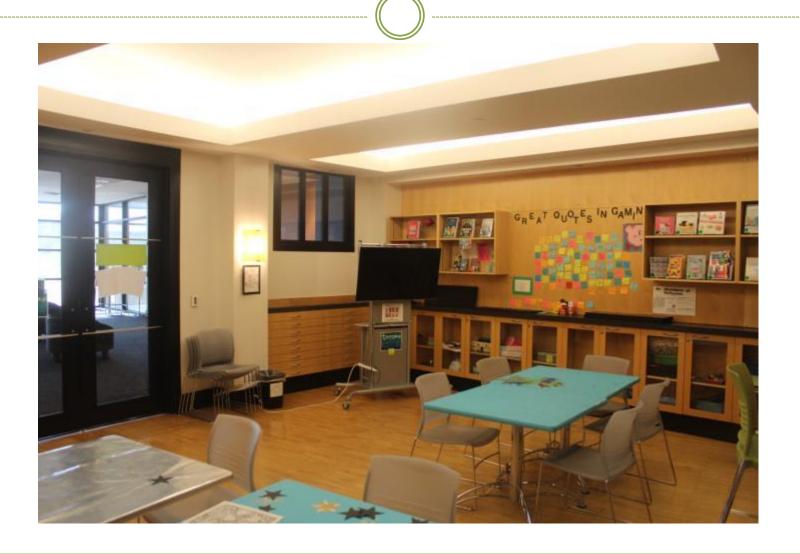
After, Main Room



Before, Lab



After, Lab



Leader/Advocate

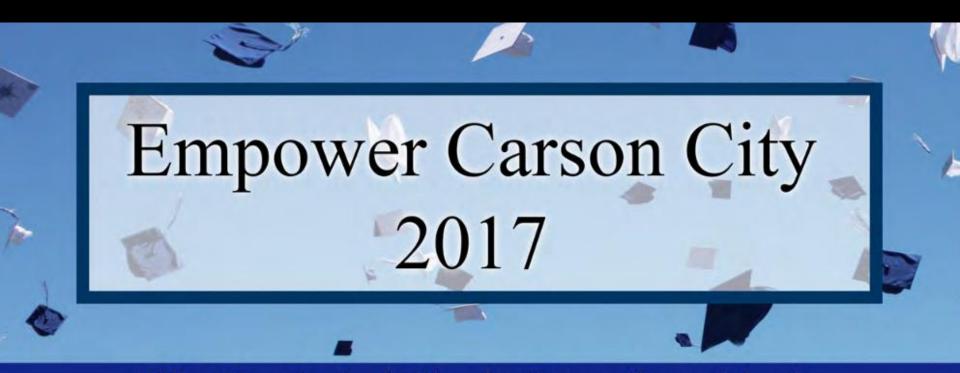
- Vision
- Research
- Communicate
- Re-evaluate
- Plan
- Implement
- Change

CARSON CITY LIBRARY PARTNERSHIPS



On Line On Time

HOW WE GOT HERE

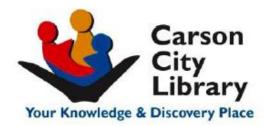


A Five Year Strategic Plan for Extraordinary Schools built by the Community of Carson City

HOW WE GOT HERE

LEVEL UP(!)

2014 - 2019



A STRATEGIC PLAN FOR LEARNING









JOINT RESOLUTION NOVEMBER 2013

CARSON CITY SCHOOL DISTRICT
CARSON CITY BOARD OF
SUPERVISROS
LIBRARY BOARD OF TRUSTEES
WESTERN NEVADA COLLEGE









NATIONAL HISTORY DAY

G.A.T.E

YOUNG BRAINS ON SUMMER

BOYS & GIRLS CLUBS OF WESTERN NEVADA









DISCOVER TECH SPRING 2014





DIGITORIUM GRAND OPENING FALL 2014

LSTA ON LINE ON TIME















JOINT RESOLUTION FEBRUARY/JUNE 2015

CARSON CITY SCHOOL DISTRICT
CARSON CITY BOARD OF
SUPERVISROS
LIBRARY BOARD OF TRUSTEES
WESTERN NEVADA COLLEGE







On Line On Time Funding Source:



Library Services and Technology Act (LSTA)

Nevada State Library and Archives



Resources:

Carson City School District Strategic Plan – http://www.carsoncityschools.com/cms/One.aspx?portalld=801611&pageld=4612302
Carson City Library Strategic Plan – http://www.carsoncitylibrary.org/about/strategic-plan
Carson City Library Website –

Slides available for this and others Library presentations on SlideShare

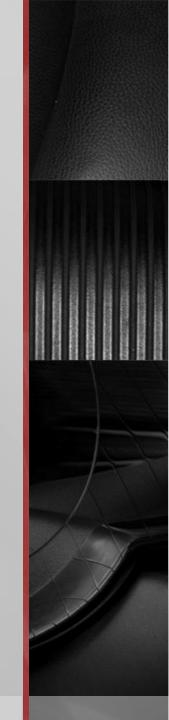


Sena Loyd

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Idea and Experience Boxes

Washoe County Library System
September 2015



Project Origins

Maker Services Plan

Collaborations evolving from Reno Mini-Maker
 Faire and Tech Away Faire

What's in the Boxes?

- Learn to Paint
- Building Now and Then
- Zoom, Zoom—Planes, Trains and Automobiles
- Fit for Fun
- Oh the Places You'll Go
- Photo Booth
- Music Station
- Survivor

It's All in the Plan

This year

- New technologies
- Library spaces
- Piloting a mini-media lab
- Additional library-hosted maker programs

Future years

- Refreshed Boxes
- Full-scale media lab
- Full-service Maker Space in the new North Valleys Library

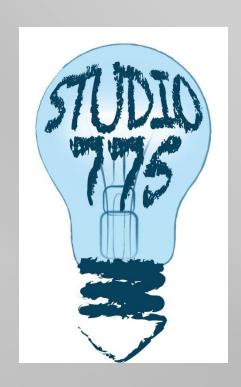
Leading the Project

Maker Services Committee

- Designated branch staff
- Managing Librarians

Engaging with the Community

- Mini-Maker and Tech Away Faire participants
- Social media
- Studio 775 branding
- Open House featuring all 8 Boxes
- Surveys



Roadblocks

- Photo Booths
- Logistics in transporting boxes
- Liability issues
- Space considerations

Successes

- Actual (so far):
 - Engaged patrons
 - Productive partnerships with maker & tech organizations
- Expected:
 - New patrons (CommunityConnect data)
 - Ideas for new activities and events



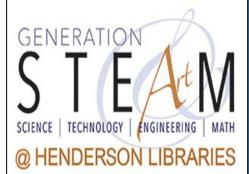


Generation STEAM

LSTA Programming at the Henderson Libraries June, 2014 - June, 2015

Collaboration means success!

- Henderson Libraries Collaborated with the Syn Shop: The Las Vegas Hackerspace, to provide monthly STEAM Instruction programs at each of the Henderson Libraries from June, 2014 - June 2015.
- www.mypubliclibrary.com
- https://synshop.org/



What is STEAM?



- Science
- Technology
- Engineering
- Arts
- Mathematics
- ...We've taken the traditional STEM education concept and added an Art component!

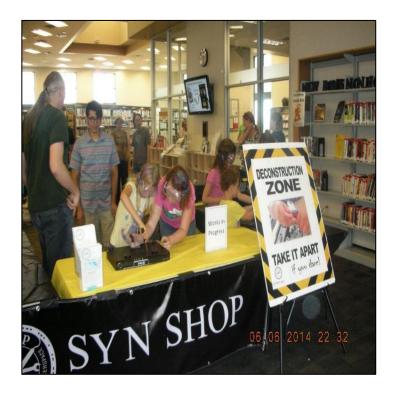
STEAM Classes include:



- Basic Electronics
 3D Printing
- Rocketry
- Mechanical **Engineering:** Speed and **Power**
- Renewable **Energy**

- Basic Soldering
- Everyday Chemistry
- Cyanotypes
- Petroglyphs
- · Wildlife and **Tracks**

Deconstruction

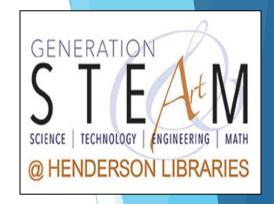




Kids and adults are challenged to "take it apart" at the deconstruction table at the Gibson Library during the 2014
Summer Reading
Program Kickoff at the Gibson Library

June 6, 2014

Drawing With Doodle Pens





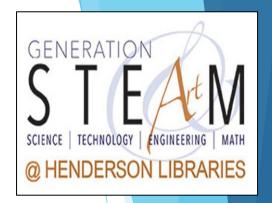
Libraries and SYN Shop: the Las Vegas Makerspace and funded by the Institute of Museum and Library Services, a federal agency, and administered by the Nevada State Library, a state agency

Kids try their hand at drawing with melted plastic and a doodle pen during the Summer Reading Kickoff at the Paseo Verde Library

June 6, 2014

Rubens Tube





Young and old explore a Rubens Tube during the 2014 Summer Reading Kickoff at the Green Valley Library

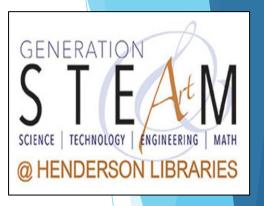
June 6, 2014

3D Printing



Children observe a 3D printer printing for the 1st time ever at the Green Valley Library

April 8, 2015

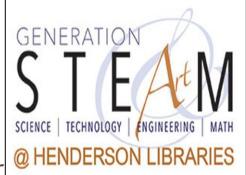


Aeronautics

A young man tries his hand at flying a walk-along glider while an instructor encourages him during the Aeronautics workshop at the Green Valley Library on

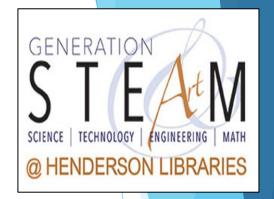
March 21, 2015





Basic Electronics



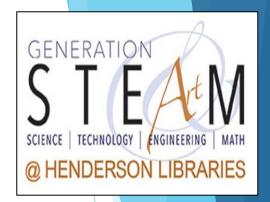


Stan Hanel leads a class of children and parents as they learn about the principles of electronics and electronic components at the Gibson Library

January 13, 2015

Basic Electronics





Mother and daughter use a multi-meter to test the resistance of a dimmer switch in the basic electronics class at the Green Valley Library

January 10, 2015

Making Brushbots





Kids showing off their doodlebot creations after the doodlebot class at the Paseo Verde Library

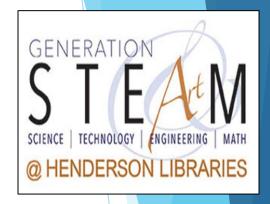
November, 2014

Chemistry



A young chemist observes a chemical change occurring to make "Elephant Toothpaste" during the Chemistry basics class at the Gibson Library

April 25, 2015



Mechanical Engineering



Library
February 7, 2015

GENERATION

SCIENCE | TECHNOLOGY | ENGINEERING | MATH

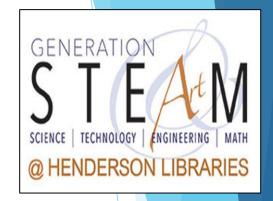
Generation STEAM classes are made possible by a partnership between Henderson Libraries and SYN Shop: the Las Vegas Makerspace and funded by the Institute of Museum and Library Services, a federal agency, and administered by the Nevada State Library, a state agency

Understanding gear ratios by building vehicle transmissions out of Legos during the Mechanical Engineering Class at the Paseo Verde Library

Renewable Energy



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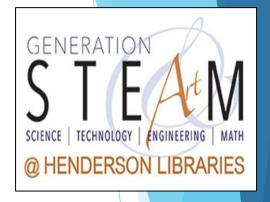


Constructing a solar light out of common household parts in the Renewable Energy class at the Green Valley Library

March 14, 2015

Rocketry

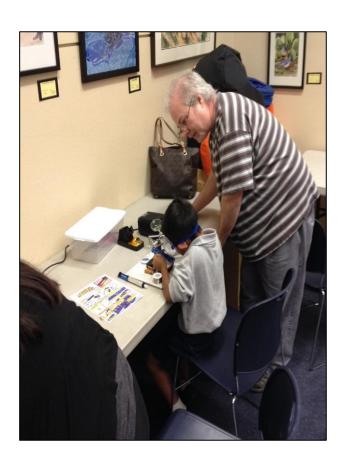




Building and launching rockets in the library during the Rocketry and Physics class at the Green Valley Library

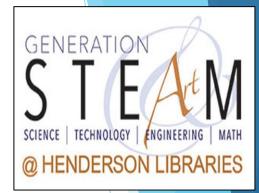
January 14, 2015

Soldering



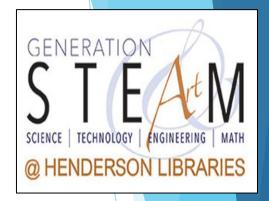
Learning to solder for the first time at the Green Valley Library

April 17, 2015



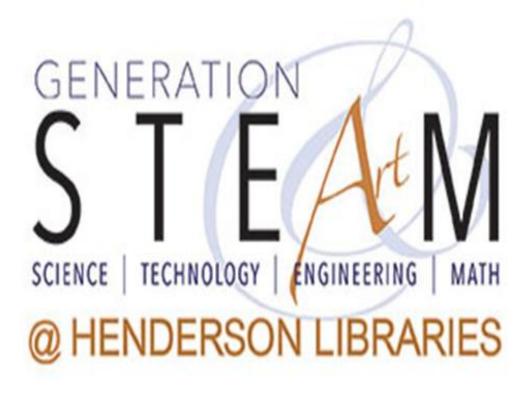
STEAM Training for Area





Educators and librarians from around Southern Nevada learn about STEAM training during a special workshop for educators on Dec. 2, 2014

Paseo Verde Library



www.mypubliclibrary.com